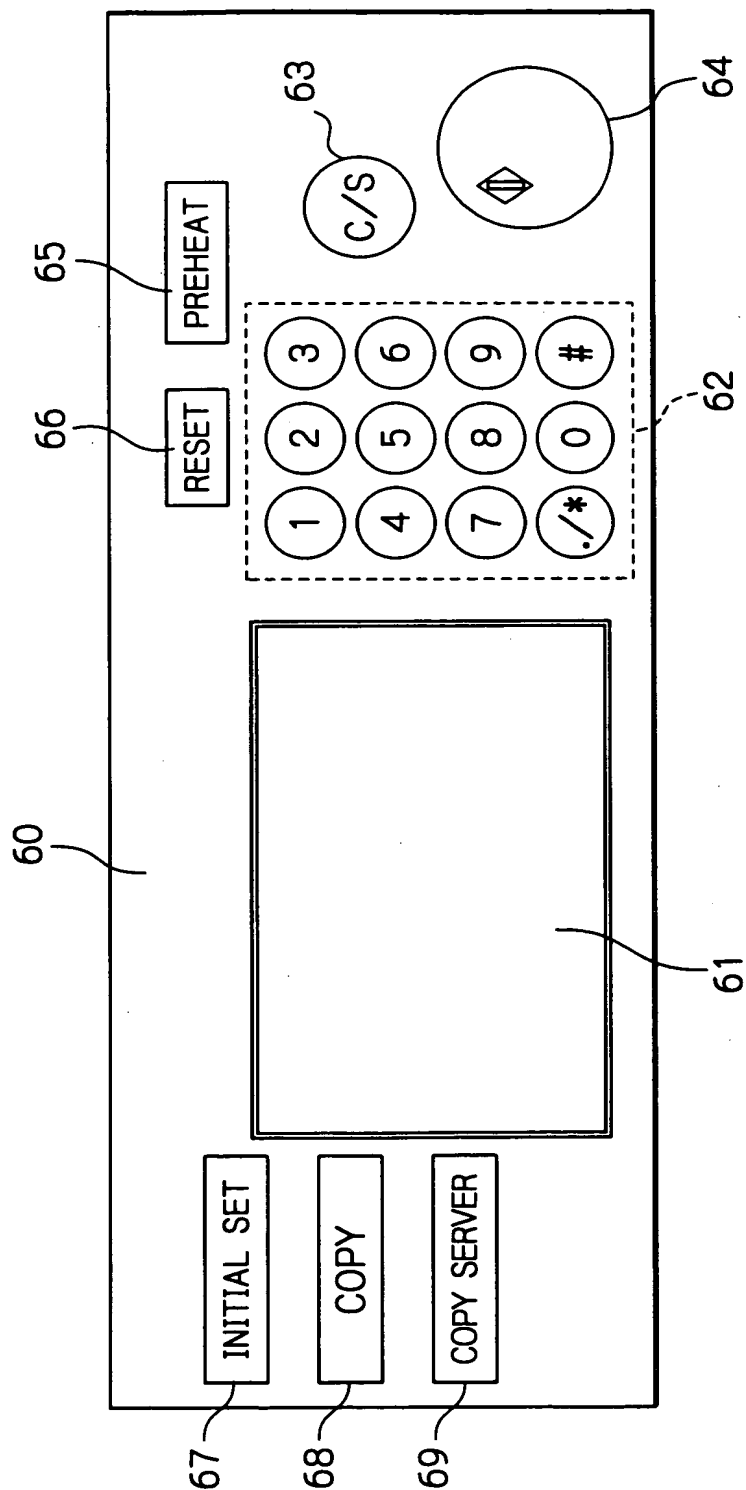


**Fig. 1**

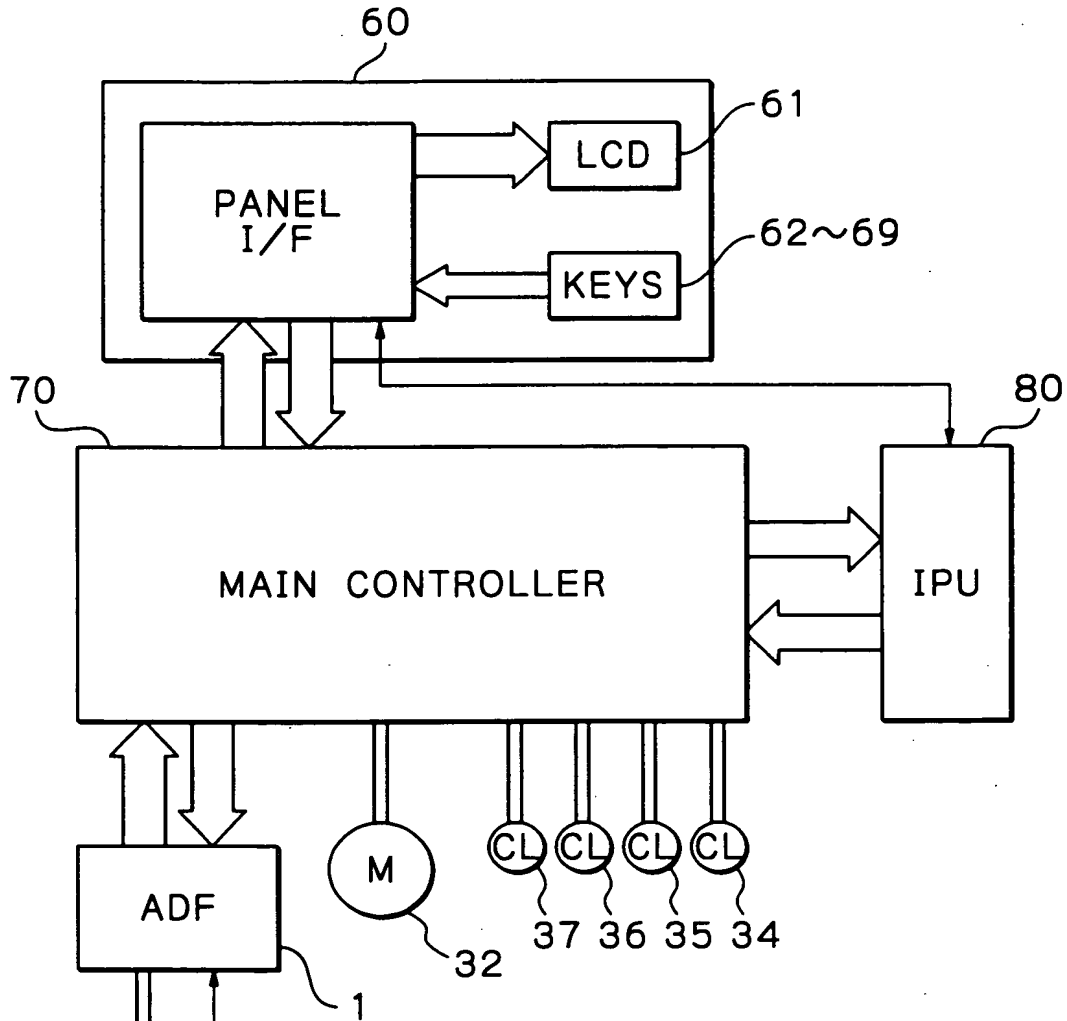
The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1.1) as  $\epsilon \rightarrow 0$ . In the second part, we study the asymptotic behavior of the solutions of the system (1.1) as  $\epsilon \rightarrow 0$ .

Fig. 2

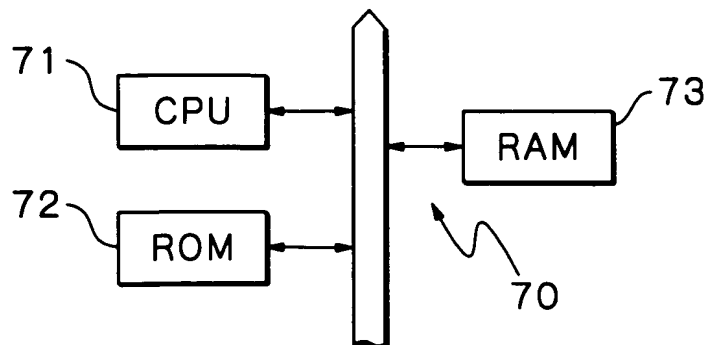


○ COPY SERVER < SELECTION OF DOCUMENT >																																								
<p style="text-align: center; margin-bottom: 20px;"><b>SELECT A DOCUMENT.</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">USED ID</th> <th style="padding: 5px;">DOCUMENT NAME</th> <th style="padding: 5px;">NUMBER OF PAGES</th> <th style="padding: 5px;">TIME</th> <th style="padding: 5px;">PRINT ORDER</th> <th style="padding: 5px;">SIZE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">Scan004</td> <td style="text-align: center;">122</td> <td style="text-align: center;">0:10</td> <td style="text-align: center;"> </td> <td style="text-align: center;">13</td> </tr> <tr> <td style="text-align: center;">Yoshida</td> <td style="text-align: center;">Word.doc</td> <td style="text-align: center;">101</td> <td style="text-align: center;">2:15</td> <td style="text-align: center;"> </td> <td style="text-align: center;">10</td> </tr> <tr> <td style="text-align: center;">SatoH</td> <td style="text-align: center;">Yosan.txt</td> <td style="text-align: center;">130</td> <td style="text-align: center;">7:02</td> <td style="text-align: center;"> </td> <td style="text-align: center;">14</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">Scan015</td> <td style="text-align: center;">142</td> <td style="text-align: center;">10:30</td> <td style="text-align: center;"> </td> <td style="text-align: center;">15</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">Scan221</td> <td style="text-align: center;">95</td> <td style="text-align: center;">14:10</td> <td style="text-align: center;"> </td> <td style="text-align: center;">9</td> </tr> </tbody> </table> <div style="margin-top: 20px; text-align: right;"> <span style="border: 1px solid black; padding: 2px 10px;">▲ UP</span>                <span style="border: 1px solid black; padding: 2px 10px;">▼ DOWN</span> </div>					USED ID	DOCUMENT NAME	NUMBER OF PAGES	TIME	PRINT ORDER	SIZE		Scan004	122	0:10		13	Yoshida	Word.doc	101	2:15		10	SatoH	Yosan.txt	130	7:02		14		Scan015	142	10:30		15		Scan221	95	14:10		9
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<div style="text-align: center; margin-bottom: 20px;"> <b>TOUCH TO READ AND STORE DOCUMENTS.</b>  <div style="border: 1px solid black; width: 150px; height: 50px; margin: auto;"></div> </div> <div style="text-align: center;"> <b>TOUCH TO SET PRINTING CONDITIONS AFTER SELECTION OF A DOCUMENT</b>  <div style="border: 1px solid black; width: 150px; height: 50px; margin: auto;"></div> </div>																																								
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*Fig. 4*



*Fig. 5*



*Fig. 6*

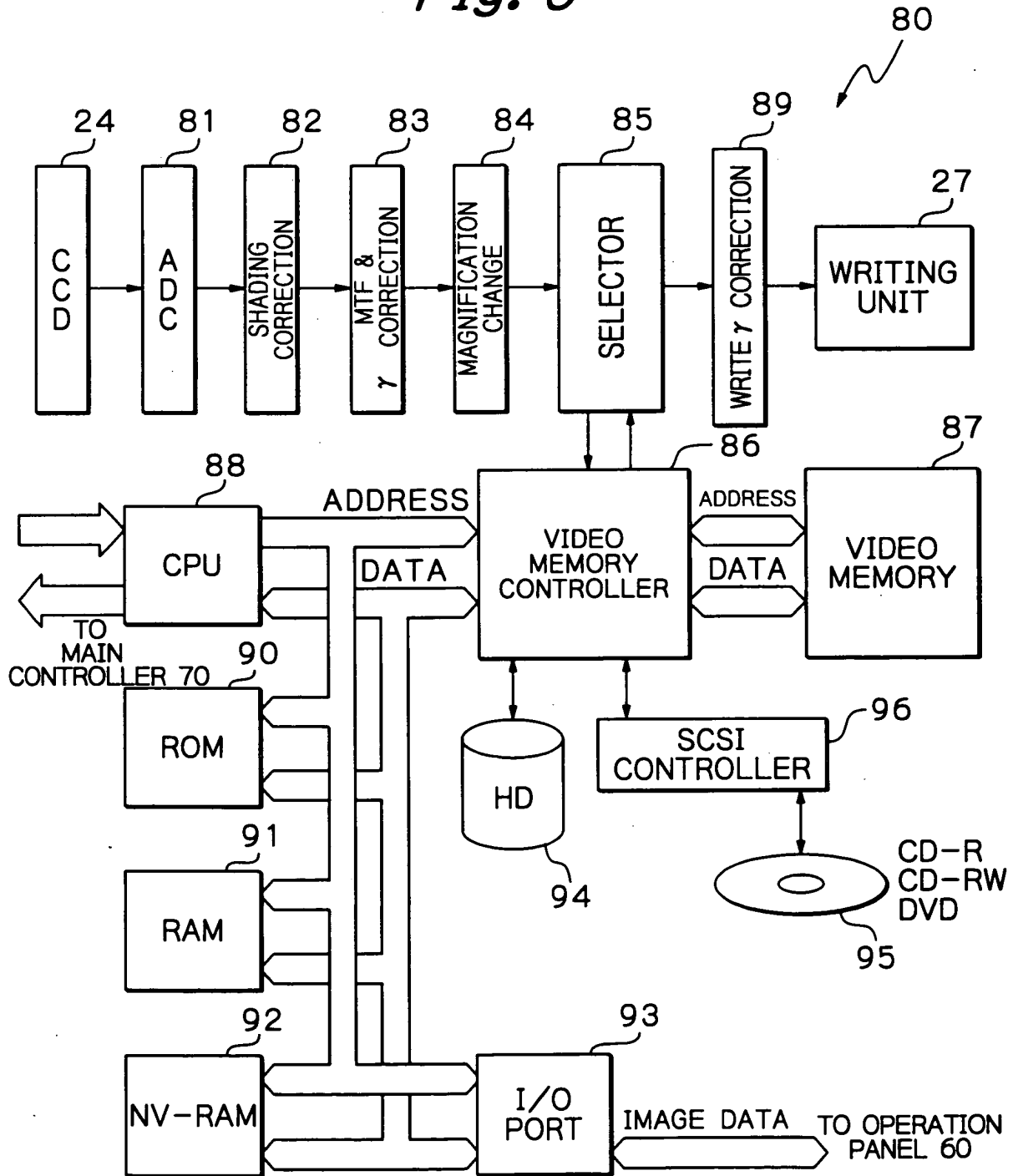
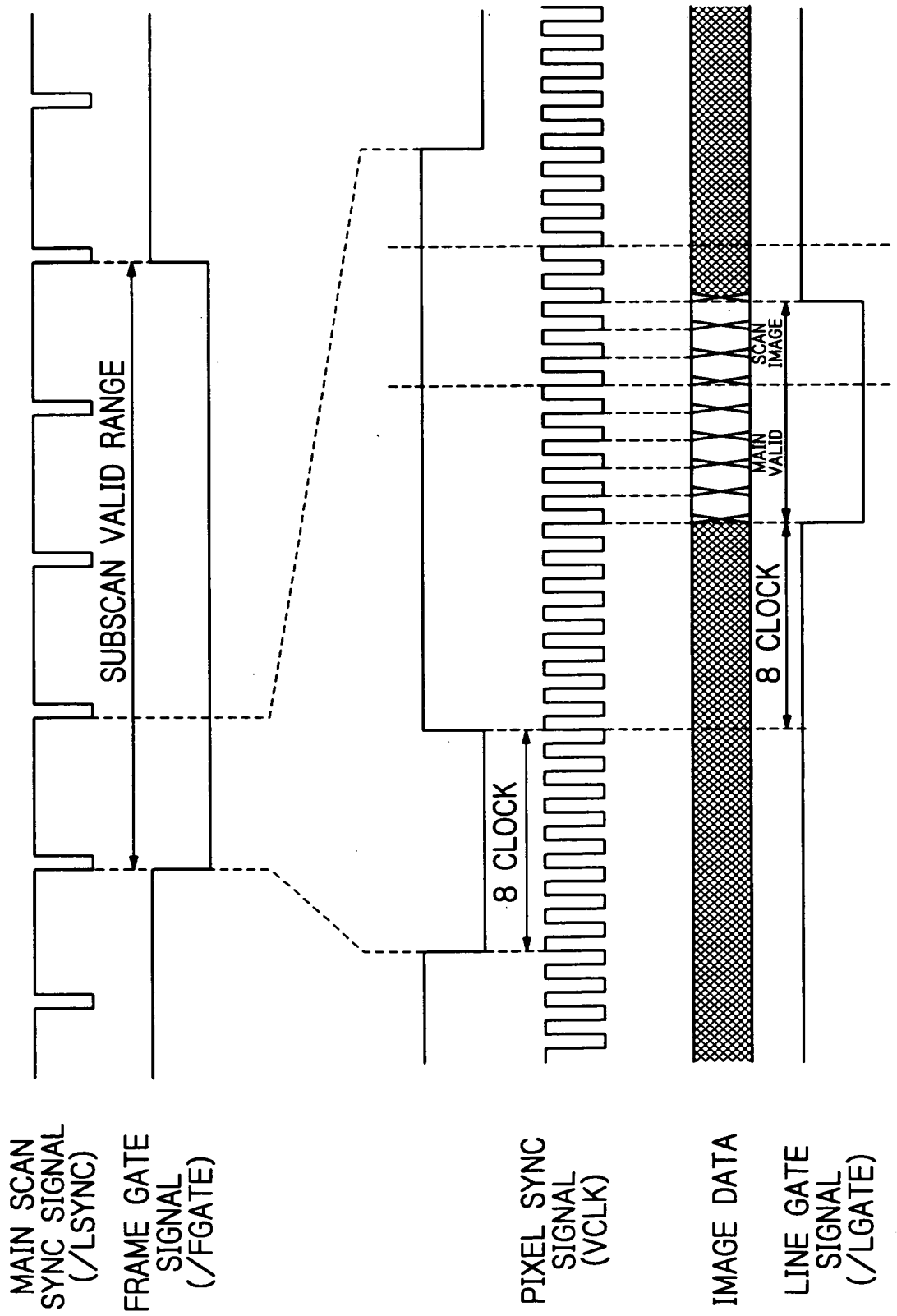


Fig. 7



*Fig. 8*

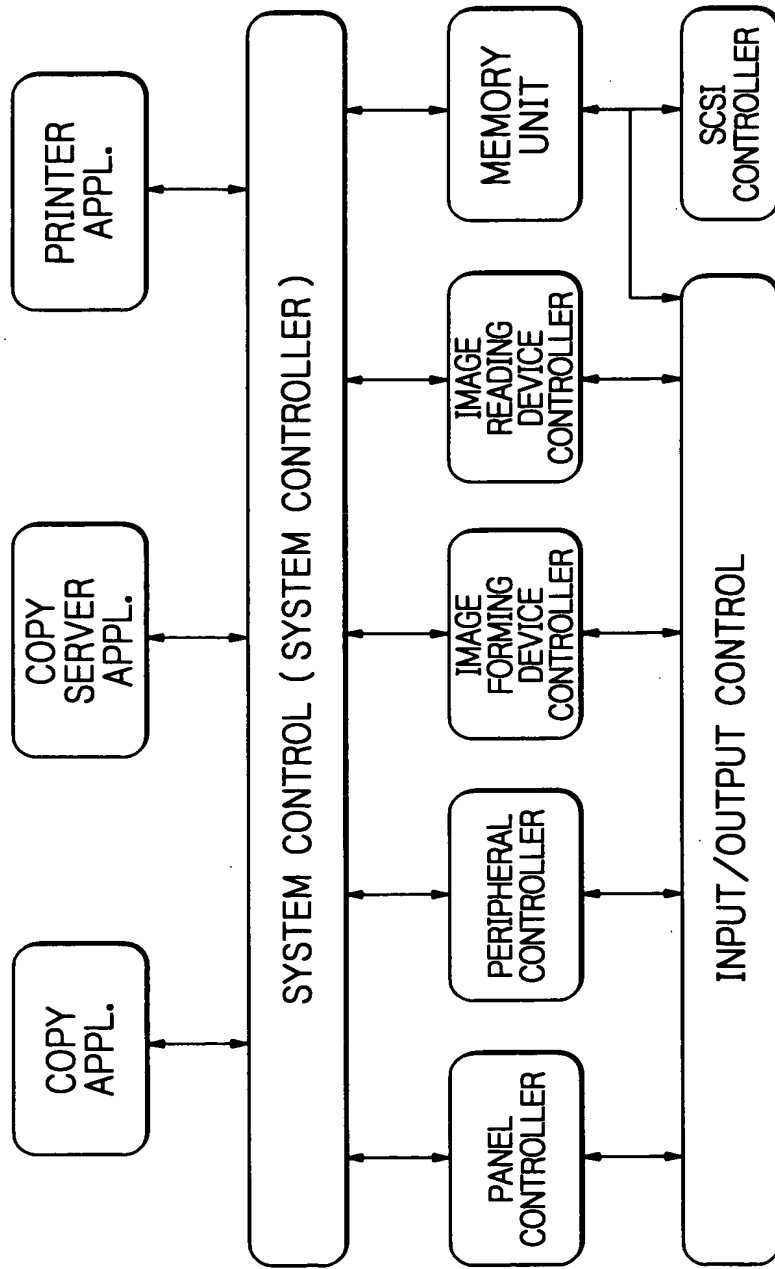
- ① SCANNER→WRITE + VIDEO MEMORY
- ② SCANNER→WRITE + VIDEO MEMORY + HD
- ③ SCANNER→WRITE
- ④ SCANNER→HD
- ⑤ VIDEO MEMORY→WRITE
- ⑥ VIDEO MEMORY→HD
- ⑦ HD→VIDEO MEMORY
- ⑧ HD→VIDEO MEMORY→SCSI CONTROLLER
- ⑨ SCSI CONTROLLER→VIDEO MEMORY→HD

Fig. 9

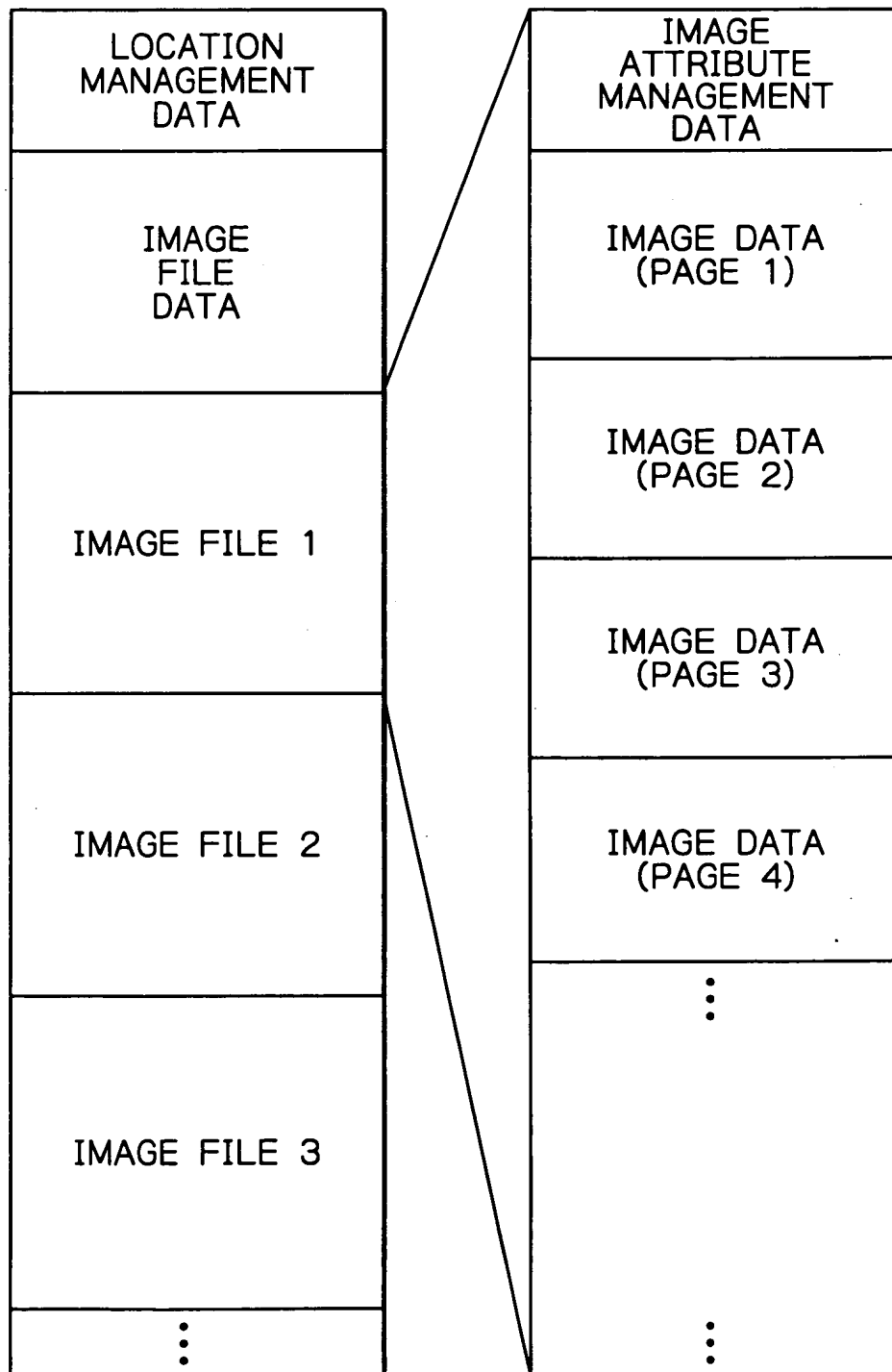
<div>TEXT</div> <div>KIND OF DOCUMENT</div>		<div>○ READ TO READ.</div> <div>JOB #: 1</div>										<div>DOCUMENT</div> <div>0</div>		<div>SET</div> <div>10</div>		<div>COPY</div> <div>0</div>	
<div>AUTO DENSITY</div>		<div>1U A4Y</div>		<div>2U A4T</div>		<div>3U B4T</div>		<div>4U A3T</div>		<div>TU A4Y</div>		<div>MANUAL FEED</div>		<div>STACK</div>			
<div>《LIGHT》</div>		<div>X1</div>		<div>PAPER-PRIORITY MAG.CHANGE</div>		<div>A3→A4 B4→B5</div>		<div>A4→A3 A5→A4</div>		<div>93%</div>		<div>100%</div>		<div>STAPLE</div>			
<div>《DARK》</div>		<div>SIMPLEX → DUPLEX</div>		<div>DUPLEX → SIMPLEX</div>		<div>SIMPLEX SIMPLEX INTEG BY 2</div>		<div>SMALLER</div>		<div>CHECK</div>							
<div>SPECIAL DOCUMENT FEED</div>		<div>EDIT</div>		<div>DUPLEX/ INTEG/DIV</div>		<div>MAG. CHANGE</div>											



Fig. 10



*Fig. 11*



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*Fig. 12*

(BLOCK NO.)	(LOCATION)	(OCCUPIED/ UNOCCUPIED)
0 0 0	0 1 0 0 0	1
0 0 1	0 1 1 0 0	1
0 0 2	0 1 2 0 0	0
0 0 3	0 1 3 0 0	1
0 0 4	0 1 4 0 0	0

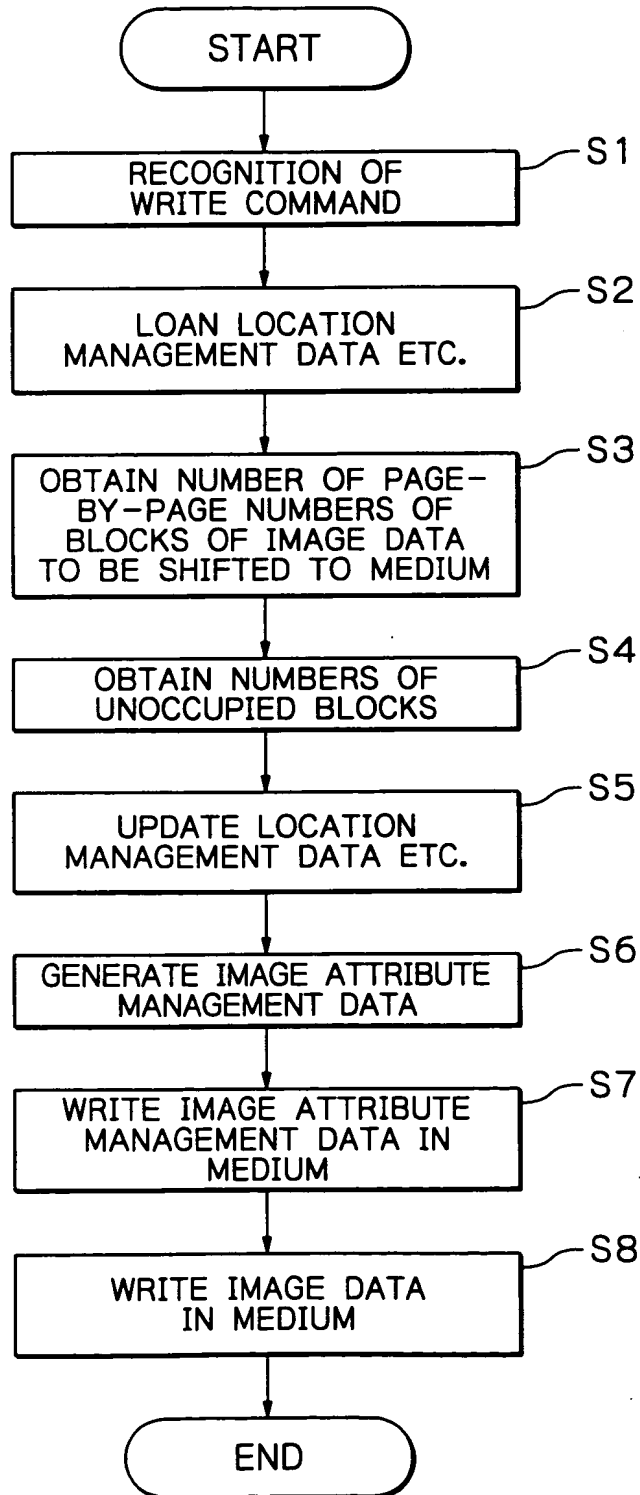
*Fig. 13*

1 : 0 0 1
2 : 0 0 3 , 0 0 4 , 0 0 7
3 : 0 1 0 ,
4 : 0 1 1 , 0 1 3

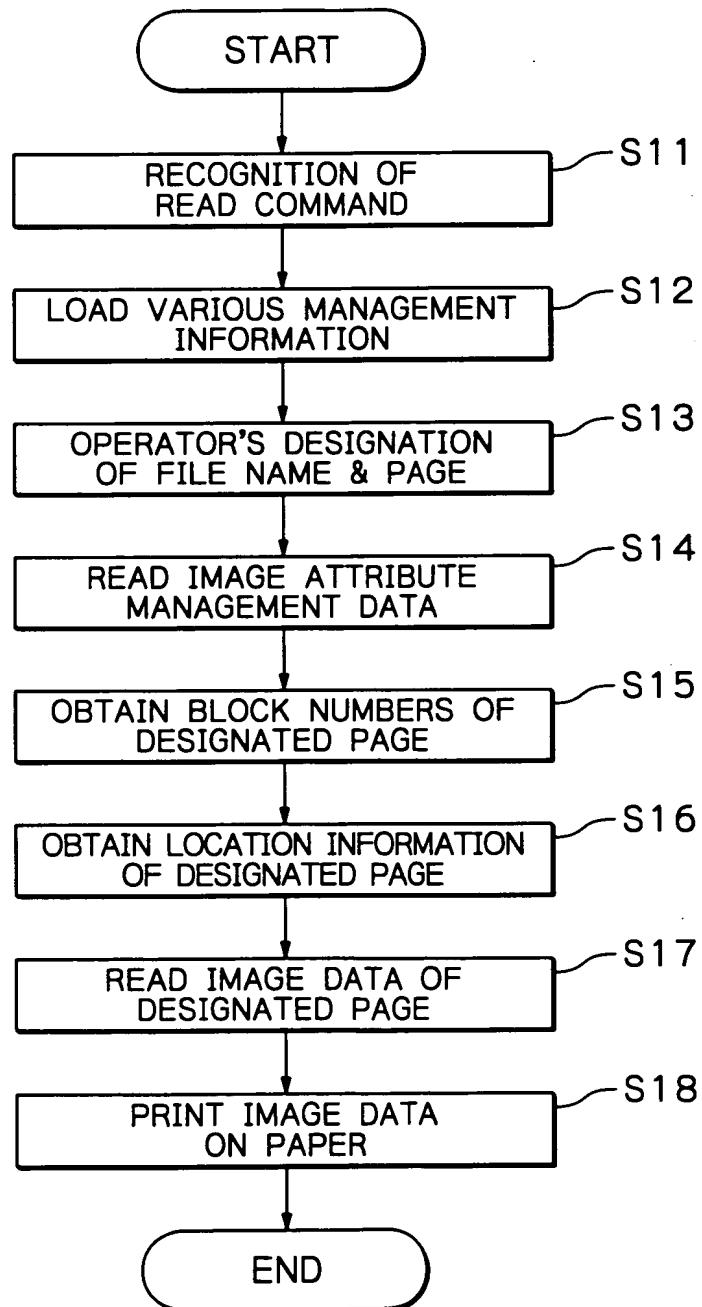
*Fig. 14*

(FILE NAME)	(POINTER)
Scan 004	0 0 7 5 0
Word.doc	0 0 8 3 0
Yosan.txt	0 0 6 6 0

*Fig. 15*

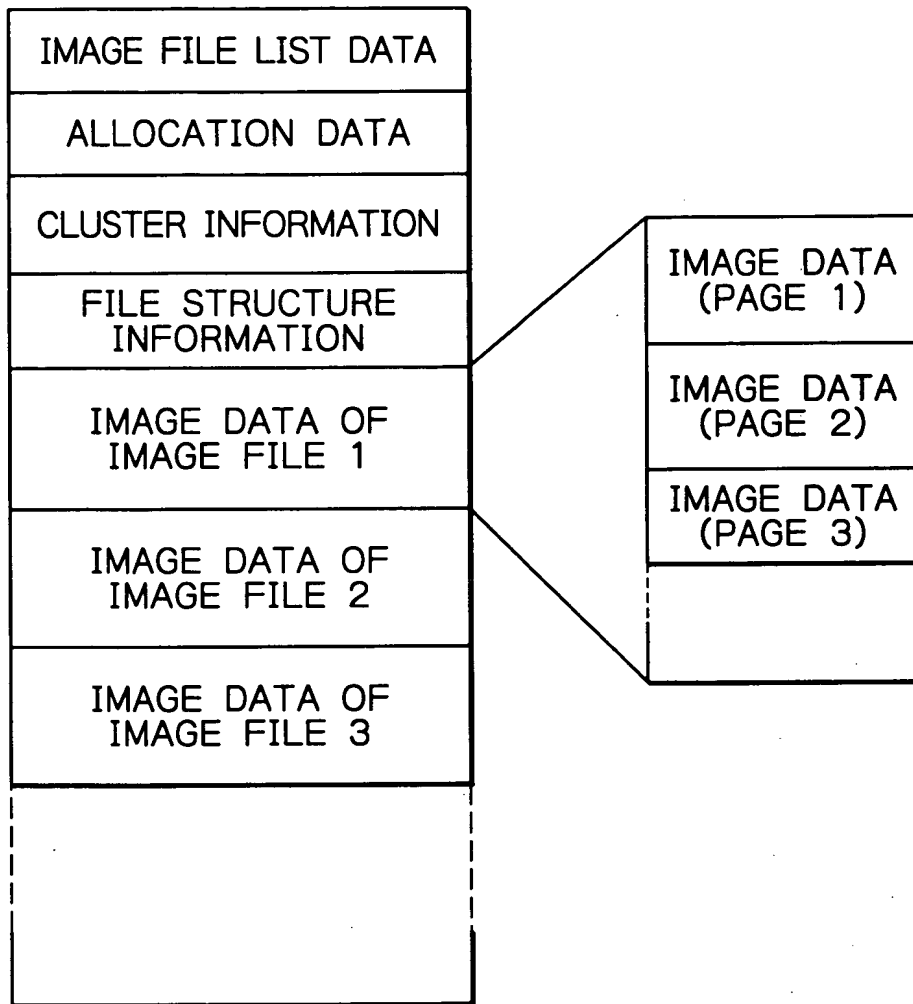


*Fig. 16*



09/731,724

*Fig. 17*



*Fig. 18*

( DOCUMENT NAME )	( USER ID )	( TIME OF STORAGE )	( FILE NO. )
Prt 001	TANAKA	9/8 10:05	0 0 1
Prt 002	TANAKA	9/8 10:30	0 0 2
Prt 003	TANAKA	9/8 11:24	0 0 3

*Fig. 19*

(IMAGE NO.)	(IMAGE START ADDRESS)	(IMAGE SIZE)
0 0 0 1	0 0 7 5 0	2
0 0 0 2	0 0 7 7 0	3
0 0 0 3	0 0 8 0 0	2
0 0 0 4	0 0 8 2 0	1

*Fig. 20*

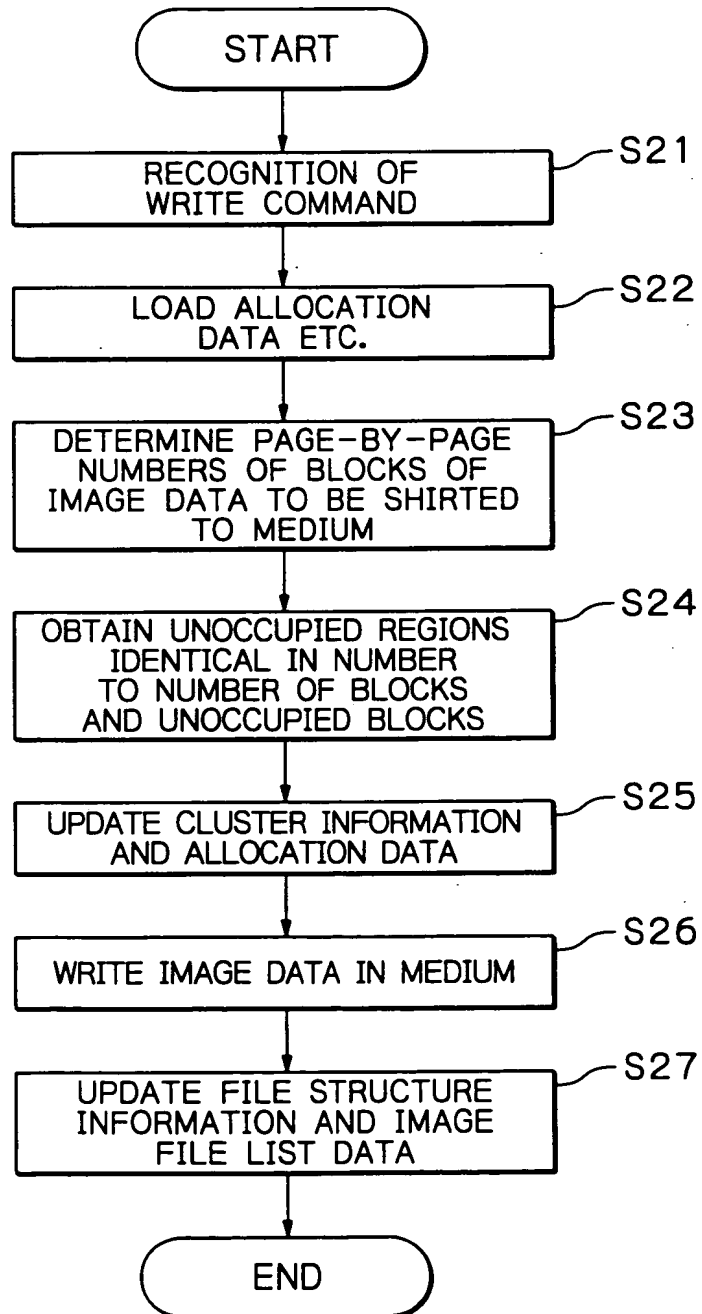
	(OCCUPIED/ UNOCCUPIED)	(ADDRESS OF NEXT BLOCK)
0	1	0 0 7 6 0
1	1	E N D
2	1	0 0 7 8 0
3	1	0 0 7 9 0
4	1	E N D

*Fig. 21*

(FILE NO.)	(IMAGE NO.)
0 0 1	0001,0002,0003,0004
0 0 2	0005,0006
0 0 3	0007,0008,0009

FIG. 19, 20, 21

*Fig. 22*





*Fig. 23*

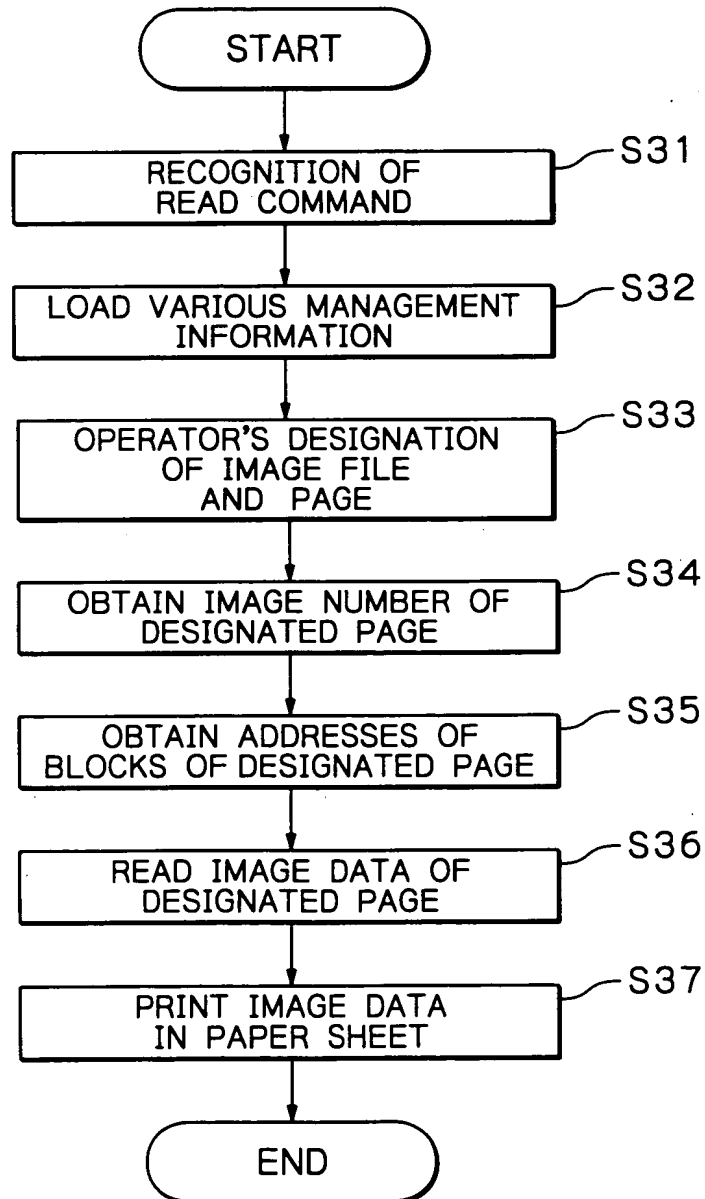


FIG. 23